

Morbidity and Mortality Weekly Report



U. S. Department of
HEALTH, EDUCATION, AND WELFARE

Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

October 12, 1956

Washington 25, D. C.

Vol. 5, No. 40

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended October 6, 1956

For the current week 604 cases of poliomyelitis were reported as compared with 655 for last week. The corresponding figure for 1955 was 1,035.

Since the week ended August 11, when 8 cases of diphtheria were reported, the incidence of the disease has been increasing in general. For the current week there were 36 cases. The corresponding number for 1955 was 58. Of the cases reported this week, 8 were in Texas, 7 in Alabama, 5 in North Carolina, 4 in South Carolina, 3 in Indiana, and 2 each in 3 widely separated States. The cumulative number for the year to date is 1,058 compared with 1,180 for the same period in 1955.

The numbers of reported cases of poliomyelitis by type for the United States for the current week, disease year, and calendar year are:

TYPE	CURRENT WEEK		DISEASE YEAR		CALENDAR YEAR	
	1956	1955	1956	1955	1956	1955
TOTAL-----	604	1,035	11,690	22,982	12,757	24,045
Paralytic-----	236	404	4,893	7,826	5,476	8,290
Nonparalytic-----	236	386	4,696	9,196	4,981	9,486
Unspecified-----	132	245	2,101	5,960	2,300	6,269

EPIDEMIOLOGICAL REPORTS

Botulism

Dr. E. S. Rabeau, Alaska Native Health Service, PHS, has supplied epidemiological information on the 3 cases of botulism reported in the Territory for the week ended August 18. One case was in a 62-year-old man who ate some beluga (white whale) which had been kept in seal oil. About 18 hours later he began to vomit, feel weak, became drowsy, and had blurring of vision. The patient was on a small river boat and it was 24 hours before he reached the hospital. Upon admission, he had diplopia, difficulty in swallowing, ptosis of the eyelids, generalized weakness, and some respiratory difficulty. His condition steadily grew worse, respiratory paralysis became greater, and the patient expired about 13 hours after admission to the hospital. The organism was not isolated, only heat-labile toxin was found, but it is believed to be type E botulism. The investigator has seen similar cases in previous years in which the organism was isolated. The other 2 cases were similar and were in a mother and her daughter. They had eaten some dried oogruk (bearded seal) meat about 36 hours prior to the onset of symptoms. The mother died, but the daughter's condition has improved and she is now out of danger.

Encephalitis

Dr. D. P. Conwell, Kentucky State Department of Health, gives preliminary information on an outbreak of encephalitis

in Louisville. Seventy-five cases with 9 deaths have been reported since the last week in July. The age range is from 7 to 90 years with a median of 46 years. The onsets have been quite sudden with vomiting, fever, severe headache, and chills. Spinal fluid counts ranged from 20 to 400, and the differential has varied since specimens were collected at various stages of illness. Convalescent sera from 16 patients has shown complement fixation titers of 1:8 or greater. Mosquito and bird sera are being collected for laboratory examination. (There has been no evidence of unusual animal illness in the area. This appears to be the first outbreak of St. Louis encephalitis in Louisville since 1933)

The California State Department of Public Health has reported 2 cases of arthropod-borne encephalitis for the latter half of September. This brings the total through September to 11—9 cases being western equine and 2 St. Louis.

This year to date, 96 squirrels have been submitted for rabies examination. Of the 81 with tests completed, western equine virus has been isolated from 4. This is the same number isolated from the brains of 80 squirrels submitted in 1955. For that year, no rabies virus was found in any of the squirrels.

Anthrax

Dr. E. J. Witte, Pennsylvania Department of Health, has reported a case of cutaneous anthrax in an 18-year-old man. The patient has been employed in a woolen plant for over 9 months. His job consists of breaking bales of raw wool as they arrive at this plant and feeding the material into a picker machine. Since it was customary for this patient to work stripped to the waist, his arms came into contact with the raw wool. A small lesion resembling an insect bite appeared on the medial aspect of his left forearm. It increased in size, and the plant foreman advised him to see a physician. Later the lesion was diagnosed as anthrax and the patient was admitted to a hospital. He could not recall any cuts or scratches at the involved site prior to onset. The wool being processed 2 or 3 days before the patient became ill originated from South America, India, Pakistan, Ireland, and Sardinia. The company that removes wool waste from this plant has had sporadic cases of anthrax among its employees in recent years.

Gastro-enteritis

Dr. James R. Amos, Missouri Department of Public Health and Welfare, has reported an outbreak of gastro-enteritis following a family reunion dinner. Of 42 who ate the meal, 12 became ill with headache, nausea, vomiting, dizziness, abdominal cramps, visual disturbance or soreness around the eyes, retraction of head and neck, stiffness of joints, and numbness of body from 4 to 22 hours later. Diarrhea was not a common symptom. Many of the items of food were contributed by several people but there was no common food eaten by all who were made ill. Stool specimens collected from hospitalized patients were negative for pathogenic organisms. Fresh and canned beans were tested for botulism but the organism was not found. Fresh beans were also found negative for arsenic poisoning.

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Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: CONTINENTAL UNITED STATES

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	40th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Oct. 6, 1956	Ended Oct. 8, 1955	Median 1951-55	First 40 weeks			Since seasonal low week			
				1956	1955	Median 1951-55	1955-56	1954-55	Median 1950-51 to 1954-55	
Anthrax-----062	-	-	-	34	22	24	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	---	5	6	---	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	24	21	---	822	999	---	---	---	---	---
Diphtheria-----055	36	58	67	1,058	1,180	1,605	232	471	553	July 1
Encephalitis, infectious-----082	76	56	47	² 1,597	1,223	1,223	² 968	663	663	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	295	445	---	15,425	26,214	---	---	---	---	---
Malaria-----110-117	4	11	---	195	393	---	(1)	(1)	(1)	(1)
Measles-----085	973	801	826	581,112	521,870	521,870	4,418	3,471	3,753	Sept. 1
Meningococcal infections-----057	38	38	56	2,142	2,777	3,315	177	206	256	Sept. 1
Meningitis, other-----340	25	---	---	1,199	---	---	---	---	---	---
Polio-myelitis-----080	604	1,035	1,287	12,757	24,045	29,186	11,690	22,982	27,605	Apr. 1
Psittacosis-----096.2	4	3	---	414	210	---	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	7	4	9	(1)	(1)	(1)	(1)
Smallpox-----084	-	-	-	-	-	5	(1)	(1)	(1)	(1)
Typhoid fever-----040	34	28	50	1,466	1,359	1,804	1,153	1,052	1,398	Apr. 1
Typhus fever, endemic-----101	1	4	---	86	110	---	(1)	(1)	(1)	(1)
Rabies in animals-----	71	75	116	3,823	4,110	5,567	71	75	116	Oct. 1

¹Frequencies are too small.²Includes revised report from Indiana for week ended September 29.

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Alaska, Hawaii, and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, rabies in man, and smallpox are not shown in table 2,

but a footnote to table 1 shows the States making the reports. In addition, when diseases of rare occurrence (cholera, dengue, plague, relapsing fever—louse borne, typhus fever—epidemic, and yellow fever) are reported, they will be noted at the end of table 1.

Symbols.—1 dash [-]: no cases reported; 3 dashes [---]: data not available.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED OCTOBER 8, 1955 AND OCTOBER 6, 1956

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	BRUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092, N998.5 pt.			
	044		40th week		Cumulative first 40 weeks		082		40th week		Cumulative first 40 weeks	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	24	21	36	58	1,058	1,180	76	56	295	445	15,425	26,214
NEW ENGLAND-----	1	-	-	1	12	21	2	1	17	27	1,005	2,329
Maine-----	-	-	-	-	-	-	-	-	3	10	239	289
New Hampshire-----	-	-	-	-	1	-	-	-	-	2	30	68
Vermont-----	-	-	-	-	-	2	-	-	7	1	141	193
Massachusetts-----	-	-	-	1	11	19	1	1	5	10	256	827
Rhode Island-----	1	-	-	-	-	-	-	-	1	4	123	322
Connecticut-----	-	-	-	-	-	-	1	-	1	-	216	630
MIDDLE ATLANTIC-----	-	1	-	-	51	44	19	6	58	133	3,295	6,569
New York-----	-	-	-	-	18	26	19	5	31	60	1,724	3,590
New Jersey-----	-	-	-	-	14	6	-	1	6	7	301	415
Pennsylvania-----	-	1	-	-	19	12	-	-	21	66	1,270	2,564
EAST NORTH CENTRAL-----	4	5	5	2	180	107	9	23	39	42	2,289	3,718
Ohio-----	1	2	-	-	14	28	6	-	9	11	575	655
Indiana-----	-	1	3	-	88	34	-	18	6	9	323	530
Illinois-----	-	1	-	2	8	7	-	3	5	5	512	920
Michigan-----	2	-	2	-	68	35	1	1	15	13	617	1,062
Wisconsin-----	1	1	-	-	2	3	2	1	4	4	262	551
WEST NORTH CENTRAL-----	12	10	-	8	96	117	5	7	14	42	1,289	3,178
Minnesota-----	1	1	-	1	26	41	-	-	4	15	413	1,135
Iowa-----	4	3	-	-	17	5	-	2	2	10	331	878
Missouri-----	2	1	-	3	11	12	-	-	3	1	80	313
North Dakota-----	3	-	-	-	5	-	-	-	2	6	106	250
South Dakota-----	-	5	-	2	7	42	-	-	3	5	160	316
Nebraska-----	-	-	-	2	26	14	3	4	-	1	90	77
Kansas-----	2	-	-	-	4	3	2	1	-	4	109	209
SOUTH ATLANTIC-----	1	3	11	31	249	393	2	4	24	21	1,006	2,273
Delaware-----	-	-	-	-	-	1	-	-	-	-	30	45
Maryland-----	-	-	-	-	1	12	-	-	1	1	79	310
District of Columbia-----	-	-	-	-	1	2	-	-	1	-	19	40
Virginia-----	1	-	2	1	26	19	2	1	15	8	398	934
West Virginia-----	-	1	-	-	6	15	-	-	2	1	56	226
North Carolina-----	-	-	5	3	37	61	-	1	1	4	110	295
South Carolina-----	-	-	4	11	56	125	-	-	2	3	57	70
Georgia-----	-	2	-	16	61	115	-	-	-	1	128	138
Florida-----	-	-	-	-	61	43	-	2	2	3	129	215
EAST SOUTH CENTRAL-----	-	1	8	14	139	241	-	1	23	23	1,351	1,390
Kentucky-----	-	-	-	-	10	41	-	-	8	3	420	263
Tennessee-----	-	-	-	4	20	33	-	1	10	10	561	534
Alabama-----	-	1	7	10	68	137	-	-	3	5	177	261
Mississippi-----	-	-	1	-	41	30	-	-	2	5	193	332
WEST SOUTH CENTRAL-----	4	-	11	2	254	202	28	-	33	33	1,134	1,500
Arkansas-----	1	-	-	-	20	9	-	-	11	1	110	195
Louisiana-----	2	-	2	-	28	28	-	-	-	-	113	108
Oklahoma-----	-	-	1	-	58	23	-	-	2	2	88	159
Texas-----	1	-	8	2	148	142	28	-	20	30	823	1,038
MOUNTAIN-----	1	-	-	-	26	15	2	2	27	42	1,362	1,995
Montana-----	-	-	-	-	3	3	-	-	7	4	341	307
Idaho-----	-	-	-	-	1	-	-	-	2	6	176	225
Wyoming-----	-	-	-	-	6	-	-	1	5	8	85	100
Colorado-----	-	-	-	-	3	-	-	-	7	10	310	415
New Mexico-----	-	-	-	-	5	3	1	1	5	2	114	307
Arizona-----	-	-	-	-	5	6	1	-	1	9	264	561
Utah-----	1	-	-	-	3	1	-	-	-	3	67	60
Nevada-----	-	-	-	-	-	2	-	-	-	-	5	20
PACIFIC-----	1	1	1	-	51	40	9	12	60	82	2,694	3,262
Washington-----	-	-	-	-	10	23	-	-	7	15	549	705
Oregon-----	-	-	-	-	11	-	-	-	10	32	526	915
California-----	1	1	1	-	30	17	9	12	43	35	1,619	1,642
Alaska-----	-	-	-	-	35	-	-	-	-	7	72	300
Hawaii-----	-	-	-	-	-	-	-	-	2	1	42	39
Puerto Rico-----	-	-	2	-	57	58	-	-	-	4	202	57

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED OCTOBER 8, 1955 AND OCTOBER 6, 1956—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total ¹				Paralytic		Nonparalytic					
	40th week		Cumulative first 40 weeks		080.0,080.1		080.2		110-117		085	
	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955	1956	1955
CONT. UNITED STATES-----	604	1,035	12,757	24,045	236	404	236	386	4	11	973	801
NEW ENGLAND-----	5	203	223	4,648	5	85	-	60	-	-	17	13
Maine-----	1	9	20	148	1	8	-	1	-	-	-	-
New Hampshire-----	-	2	3	208	-	-	-	-	-	-	-	1
Vermont-----	1	2	21	106	1	-	-	2	-	-	-	1
Massachusetts-----	2	145	98	3,332	2	72	-	40	-	-	13	8
Rhode Island-----	-	25	9	303	-	3	-	-	-	-	-	1
Connecticut-----	1	20	72	551	1	2	-	17	-	-	4	2
MIDDLE ATLANTIC-----	74	182	981	3,519	24	52	29	81	-	-	159	105
New York-----	53	117	646	2,284	21	37	23	63	-	-	89	58
New Jersey-----	13	41	191	577	3	15	6	18	-	-	39	7
Pennsylvania-----	8	24	144	658	-	-	-	-	-	-	31	40
EAST NORTH CENTRAL-----	172	255	3,542	5,774	62	83	62	87	-	3	210	169
Ohio-----	41	60	520	1,090	12	12	18	6	-	2	5	25
Indiana-----	15	13	314	334	8	6	4	7	-	-	38	20
Illinois-----	51	43	1,721	1,188	17	18	15	16	-	1	14	37
Michigan-----	34	41	553	1,057	17	11	13	23	-	-	105	66
Wisconsin-----	31	98	434	2,105	8	36	12	35	-	-	48	21
WEST NORTH CENTRAL-----	91	67	1,506	1,855	15	29	53	29	-	-	56	45
Minnesota-----	9	20	183	522	5	9	4	11	-	-	14	2
Iowa-----	29	11	587	494	-	4	28	6	-	-	13	13
Missouri-----	15	12	361	214	5	5	5	6	-	-	1	6
North Dakota-----	-	2	30	55	-	2	-	-	-	-	26	7
South Dakota-----	2	6	30	70	-	2	2	1	-	-	1	13
Nebraska-----	31	7	149	249	4	4	13	3	-	-	1	-
Kansas-----	5	9	166	251	1	3	1	2	-	-	-	4
SOUTH ATLANTIC-----	61	92	1,208	2,030	30	38	21	42	1	1	69	55
Delaware-----	5	1	25	53	3	1	2	-	-	-	2	-
Maryland-----	7	21	76	220	6	11	1	10	-	-	9	6
District of Columbia-----	1	-	9	43	1	-	-	-	-	-	1	5
Virginia-----	13	13	194	280	9	4	4	9	-	-	10	6
West Virginia-----	5	6	96	155	3	3	2	2	-	-	8	1
North Carolina-----	9	11	252	368	4	4	4	4	-	-	3	8
South Carolina-----	1	14	96	259	-	4	1	3	-	1	23	1
Georgia-----	8	9	175	229	1	7	5	2	-	-	9	7
Florida-----	12	17	285	423	3	4	2	12	1	-	4	21
EAST SOUTH CENTRAL-----	17	29	547	891	3	12	3	8	-	1	140	22
Kentucky-----	1	15	151	367	-	7	1	4	-	1	42	6
Tennessee-----	2	5	106	211	1	2	1	2	-	-	82	9
Alabama-----	10	9	65	153	-	3	-	2	-	-	12	3
Mississippi-----	4	-	225	160	2	-	1	-	-	-	4	4
WEST SOUTH CENTRAL-----	62	78	2,030	2,315	33	35	24	32	-	3	95	102
Arkansas-----	5	3	162	162	3	2	2	1	-	-	7	2
Louisiana-----	20	17	553	317	15	9	5	8	-	-	1	1
Oklahoma-----	8	6	183	249	-	1	3	-	-	-	-	3
Texas-----	29	52	1,132	1,587	15	23	14	23	-	3	87	96
MOUNTAIN-----	33	23	653	897	12	9	8	9	1	-	56	124
Montana-----	5	3	34	111	4	1	1	2	-	-	9	7
Idaho-----	1	7	93	219	-	3	1	3	1	-	3	1
Wyoming-----	2	-	26	31	-	-	-	-	-	-	1	8
Colorado-----	5	4	120	191	2	2	2	2	-	-	7	21
New Mexico-----	3	3	64	113	2	-	1	1	-	-	7	4
Arizona-----	6	5	113	102	4	3	2	1	-	-	13	27
Utah-----	10	-	171	61	-	-	-	-	-	-	16	5
Nevada-----	1	1	32	69	-	-	1	-	-	-	-	51
PACIFIC-----	89	106	2,067	2,116	52	61	36	38	2	3	171	166
Washington-----	7	26	154	329	1	11	6	8	1	2	36	36
Oregon-----	10	21	129	283	6	14	3	7	-	-	23	24
California-----	72	59	1,784	1,504	45	36	27	23	1	1	112	106
Alaska-----	1	5	12	51	-	4	1	1	-	-	123	10
Hawaii-----	2	9	63	85	2	5	-	4	-	2	124	12
Puerto Rico-----	1	3	44	442	1	3	-	3	-	-	46	32

¹Includes cases not specified by type, category number 080.3.

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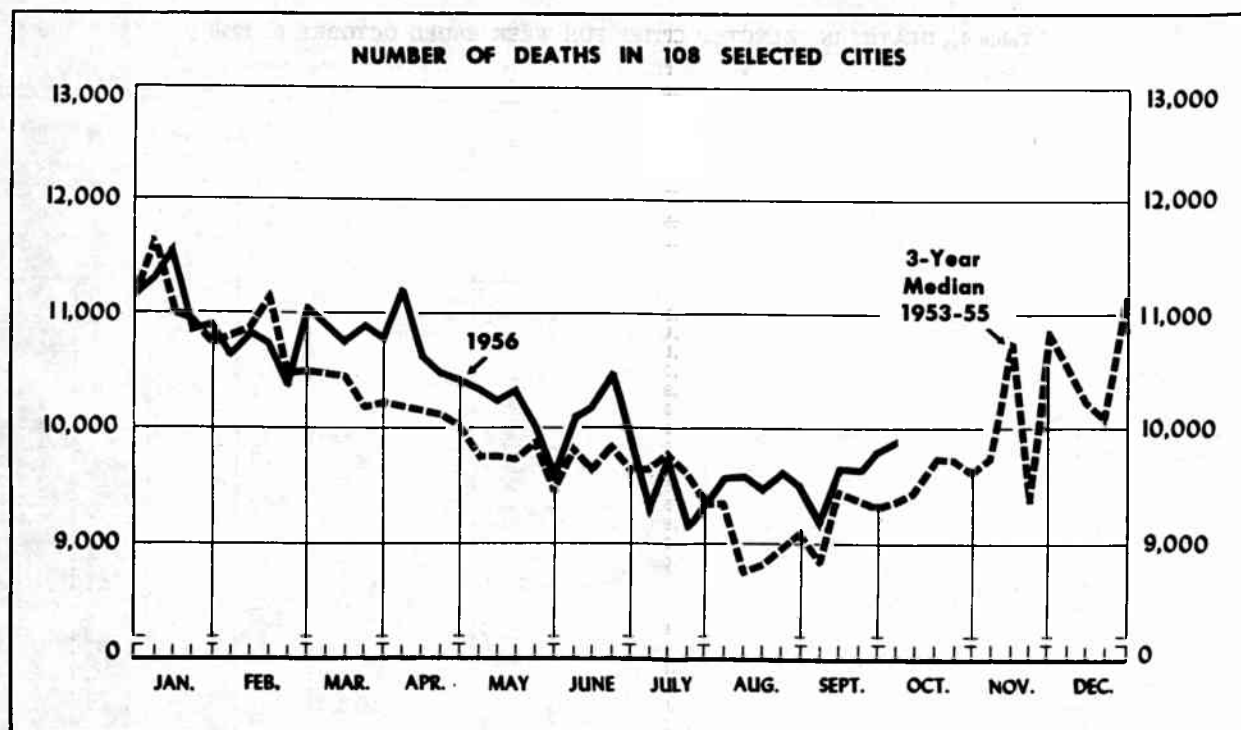
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED OCTOBER 8, 1955 AND OCTOBER 6, 1956—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS		
	057			340	096.2		40th week		Cumulative first 40 weeks		101	1956	1955
	1956	1955		1956	1956	1955	1956	1955	1956	1955	1956		
CONT. UNITED STATES-----	38	38	25	4	3	34	28	1,466	1,359	1	71	75	
NEW ENGLAND-----	2	1	-	1	-	2	1	49	28	-	-	-	
Maine-----	-	-	-	1	-	-	-	14	6	-	-	-	
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-	
Vermont-----	-	-	-	-	-	-	-	1	1	-	-	-	
Massachusetts-----	1	-	-	-	-	1	-	16	11	-	-	-	
Rhode Island-----	-	-	-	-	-	-	-	6	2	-	-	-	
Connecticut-----	1	1	-	-	-	1	1	12	8	-	-	-	
MIDDLE ATLANTIC-----	7	6	-	-	1	2	-	183	145	-	10	12	
New York-----	3	3	-	-	-	1	-	54	33	-	9	8	
New Jersey-----	2	1	-	-	-	1	-	27	23	-	-	-	
Pennsylvania-----	2	2	-	-	1	-	-	102	89	-	1	4	
EAST NORTH CENTRAL-----	8	12	4	2	-	1	3	200	131	-	11	9	
Ohio-----	2	1	-	-	-	-	3	52	58	-	8	4	
Indiana-----	-	6	1	1	-	-	-	26	16	-	3	3	
Illinois-----	3	3	3	1	-	1	-	34	30	-	-	-	
Michigan-----	3	1	-	-	-	-	-	46	21	-	-	1	
Wisconsin-----	-	1	-	-	-	-	-	42	6	-	-	1	
WEST NORTH CENTRAL-----	2	3	3	1	-	4	-	178	73	-	9	8	
Minnesota-----	-	-	-	-	-	1	-	37	5	-	4	1	
Iowa-----	-	-	3	-	-	-	-	56	19	-	3	5	
Missouri-----	-	1	-	-	-	3	-	52	39	-	1	1	
North Dakota-----	1	1	-	1	-	-	-	6	-	-	-	-	
South Dakota-----	-	-	-	-	-	-	-	3	4	-	-	-	
Nebraska-----	-	1	-	-	-	-	-	12	4	-	1	1	
Kansas-----	1	-	-	-	-	-	-	12	2	-	-	-	
SOUTH ATLANTIC-----	4	6	2	-	-	1	9	231	259	1	12	17	
Delaware-----	-	-	-	-	-	-	-	3	2	-	-	1	
Maryland-----	-	-	1	-	-	-	-	17	20	-	-	-	
District of Columbia-----	-	-	-	-	-	-	-	12	6	-	-	-	
Virginia-----	2	3	-	-	-	1	6	44	42	-	3	6	
West Virginia-----	-	-	-	-	-	-	1	22	31	-	3	5	
North Carolina-----	1	-	-	-	-	-	-	25	25	-	-	3	
South Carolina-----	-	-	1	-	-	1	-	25	42	-	3	1	
Georgia-----	-	-	-	-	-	1	-	47	42	-	3	1	
Florida-----	1	3	-	-	-	-	-	36	49	1	-	-	
EAST SOUTH CENTRAL-----	6	2	6	-	-	6	4	188	215	-	12	11	
Kentucky-----	1	-	2	-	-	-	-	38	97	-	6	4	
Tennessee-----	1	1	4	-	-	2	2	68	67	-	2	1	
Alabama-----	4	-	-	-	-	2	2	22	34	-	4	6	
Mississippi-----	-	1	-	-	-	2	-	60	17	-	-	-	
WEST SOUTH CENTRAL-----	3	3	2	-	-	10	6	278	328	-	13	5	
Arkansas-----	-	-	-	-	-	-	1	61	61	-	1	1	
Louisiana-----	1	-	-	-	-	3	-	39	68	-	12	-	
Oklahoma-----	-	-	-	-	-	3	2	42	47	-	-	-	
Texas-----	2	3	2	-	-	4	3	136	152	-	-	4	
MOUNTAIN-----	2	1	1	-	-	6	3	63	101	-	-	-	
Montana-----	-	1	-	-	-	-	-	3	5	-	-	-	
Idaho-----	-	-	-	-	-	-	2	3	11	-	-	-	
Wyoming-----	2	-	-	-	-	-	-	2	6	-	-	-	
Colorado-----	-	-	1	-	-	2	1	15	12	-	-	-	
New Mexico-----	-	-	-	-	-	2	-	17	47	-	-	-	
Arizona-----	-	-	-	-	-	2	-	20	16	-	-	-	
Utah-----	-	-	-	-	-	-	-	1	4	-	-	-	
Nevada-----	-	-	-	-	-	-	-	2	-	-	-	-	
PACIFIC-----	4	4	7	-	2	2	2	96	79	-	4	13	
Washington-----	1	1	4	-	-	-	-	2	1	-	-	-	
Oregon-----	-	-	3	-	-	1	-	11	9	-	-	-	
California-----	3	3	-	-	2	1	2	83	69	-	4	15	
Alaska-----	-	-	-	-	-	-	-	1	4	-	-	-	
Hawaii-----	-	-	-	-	-	-	-	-	-	-	-	-	
Puerto Rico-----	-	-	1	-	-	3	-	62	37	-	2	-	

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The chart shows the number of deaths reported for 108 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the 3 previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) If a report is not received from a city in time to be included in the total for the current week, an estimate is made to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the

interval between death and receipt of the certificate.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city with a weekly average of 50 deaths, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to 64 ($d \pm 2\sqrt{d}$, where d represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

AREA	40th week ended Oct. 6, 1956	39th week ended Sept. 29, 1956	40th week median 1953-55	Percent change, median to current week	CUMULATIVE NUMBER FIRST 40 WEEKS		
					1956	1955	Percent change
TOTAL: 104 REPORTING CITIES-----	9,554	9,472	9,081	+5.2	394,932	388,958	+1.5
New England----- (14 cities)	653	625	642	+1.7	26,864	27,192	-1.2
Middle Atlantic----- (17 cities)	2,967	2,799	2,871	+3.3	118,473	118,400	+0.1
East North Central----- (17 cities)	2,122	2,181	2,024	+4.8	88,395	87,318	+1.2
West North Central----- (8 cities)	622	694	642	-3.1	28,200	27,335	+3.2
South Atlantic----- (9 cities)	748	737	725	+3.2	31,767	30,342	+4.7
East South Central----- (8 cities)	486	466	420	+15.7	18,680	18,580	+1.6
West South Central----- (12 cities)	666	720	617	+7.9	29,327	27,504	+6.6
Mountain----- (8 cities)	232	218	211	+10.0	9,758	9,436	+3.4
Pacific----- (11 cities)	1,058	1,032	935	+13.2	43,268	42,651	+1.0

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED OCTOBER 6, 1956

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

CITY	40th week ended Oct. 6, 1956	39th week ended Sept. 29, 1956	CUMULATIVE NUMBER FIRST 40 WEEKS		CITY	40th week ended Oct. 6, 1956	39th week ended Sept. 29, 1956	CUMULATIVE NUMBER FIRST 40 WEEKS	
			1956	1955				1956	1955
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston, Mass.-----	205	215	9,044	9,295	St. Louis, Mo.-----	187	210	9,274	8,696
Bridgeport, Conn.-----	37	35	1,487	1,451	St. Paul, Minn.-----	54	65	2,637	2,540
Cambridge, Mass.-----	21	21	1,168	1,139	Wichita, Kans.-----	40	46	1,625	1,507
Fall River, Mass.-----	33	24	1,093	1,092	SOUTH ATLANTIC				
Hartford, Conn.-----	43	42	1,883	1,812	Atlanta, Ga.-----	86	99	4,329	4,110
Lowell, Mass.-----	25	27	947	997	Baltimore, Md.-----	226	228	9,173	8,896
Lynn, Mass.-----	18	15	830	889	Charlotte, N. C.-----	34	26	1,235	1,108
New Bedford, Mass.-----	27	24	899	959	Jacksonville, Fla.-----	(51)	(37)	(2,030)	(1,870)
New Haven, Conn.-----	58	49	1,815	1,711	Miami, Fla.-----	57	29	1,986	2,132
Providence, R. I.-----	55	53	2,476	2,531	Norfolk, Va.-----	29	34	1,285	1,245
Somerville, Mass.-----	11	10	616	598	Richmond, Va.-----	75	78	2,778	2,512
Springfield, Mass.-----	41	39	1,642	1,656	Savannah, Ga.-----	(20)	(28)	(1,132)	(1,120)
Waterbury, Conn.-----	21	27	997	998	Tampa, Fla.-----	42	55	2,332	2,163
Worcester, Mass.-----	58	44	1,967	2,064	Washington, D. C.-----	163	155	7,259	6,773
MIDDLE ATLANTIC					Wilmington, Del.-----	36	33	1,390	1,403
Albany, N. Y.-----	44	46	1,939	1,903	EAST SOUTH CENTRAL				
Allentown, Pa.-----	(26)	(35)	(1,452)	(1,444)	Birmingham, Ala.-----	71	63	3,039	3,033
Buffalo, N. Y.-----	178	141	5,665	5,362	Chattanooga, Tenn.-----	32	40	1,675	1,730
Camden, N. J.-----	37	34	1,533	1,463	Knoxville, Tenn.-----	30	28	1,345	1,341
Elizabeth, N. J.-----	34	19	1,091	1,058	Louisville, Ky.-----	134	111	4,252	4,151
Erie, Pa.-----	24	30	1,318	1,387	Memphis, Tenn.-----	80	94	3,922	3,903
Jersey City, N. J.-----	83	63	2,805	2,744	Mobile, Ala.-----	43	49	1,358	1,137
Newark, N. J.-----	94	87	3,822	4,007	Montgomery, Ala.-----	30	19	1,140	1,022
New York City, N. Y.-----	1,519	1,499	61,599	61,934	Nashville, Tenn.-----	66	62	2,149	2,263
Paterson, N. J.-----	44	38	1,466	1,476	WEST SOUTH CENTRAL				
Philadelphia, Pa.-----	431	400	18,939	18,966	Austin, Tex.-----	24	21	1,107	1,020
Pittsburgh, Pa.-----	177	151	7,199	7,039	Baton Rouge, La.-----	23	25	881	829
Reading, Pa.-----	---	(17)	---	(898)	Corpus Christi, Tex.-----	18	12	775	689
Rochester, N. Y.-----	123	110	3,777	3,710	Dallas, Tex.-----	---	(99)	---	(3,862)
Schenectady, N. Y.-----	21	17	882	901	El Paso, Tex.-----	30	20	1,066	1,135
Scranton, Pa.-----	(35)	(30)	(1,371)	(1,332)	Fort Worth, Tex.-----	58	55	2,333	2,156
Syracuse, N. Y.-----	54	47	2,315	2,195	Houston, Tex.-----	82	133	5,324	4,949
Trenton, N. J.-----	36	42	1,741	1,919	Little Rock, Ark.-----	48	51	1,850	1,766
Utica, N. Y.-----	37	42	1,203	1,197	New Orleans, La.-----	138	160	6,337	5,969
Yonkers, N. Y.-----	31	33	1,179	1,139	Oklahoma City, Okla.-----	62	58	2,495	2,244
EAST NORTH CENTRAL					San Antonio, Tex.-----	96	92	3,503	3,409
Akron, Ohio-----	37	46	2,064	2,098	Shreveport, La.-----	49	38	1,816	1,561
Canton, Ohio-----	22	21	1,099	1,075	Tulsa, Okla.-----	38	55	1,840	1,777
Chicago, Ill.-----	713	782	29,127	28,816	MOUNTAIN				
Cincinnati, Ohio-----	132	150	6,008	5,909	Albuquerque, N. Mex.-----	25	17	904	905
Cleveland, Ohio-----	184	208	8,094	7,826	Colorado Springs, Colo.-----	12	15	520	513
Columbus, Ohio-----	107	92	4,244	4,212	Denver, Colo.-----	106	97	4,316	4,280
Dayton, Ohio-----	54	50	2,579	2,588	Ogden, Utah-----	20	9	494	431
Detroit, Mich.-----	265	314	12,663	12,914	Phoenix, Ariz.-----	21	20	1,026	959
Evansville, Ind.-----	30	37	1,320	1,249	Pueblo, Colo.-----	13	7	491	503
Flint, Mich.-----	47	20	1,531	1,449	Salt Lake City, Utah-----	27	40	1,767	1,671
Fort Wayne, Ind.-----	40	36	1,408	1,348	Tucson, Ariz.-----	8	13	240	174
Gary, Ind.-----	(40)	(22)	(1,132)	(1,092)	PACIFIC				
Grand Rapids, Mich.-----	36	32	1,640	1,670	Berkeley, Calif.-----	16	18	659	712
Indianapolis, Ind.-----	128	117	4,629	4,346	Long Beach, Calif.-----	55	63	2,085	1,950
Milwaukee, Wis.-----	143	110	4,944	4,944	Los Angeles, Calif.-----	474	433	18,569	18,271
Peoria, Ill.-----	29	20	1,145	1,152	Oakland, Calif.-----	74	85	3,579	3,449
South Bend, Ind.-----	---	(16)	---	(975)	Pasadena, Calif.-----	22	26	1,397	1,468
Toledo, Ohio-----	101	98	3,724	3,670	Portland, Oreg.-----	98	103	3,750	3,720
Youngstown, Ohio-----	54	48	2,176	2,052	Sacramento, Calif.-----	43	52	1,905	1,963
WEST NORTH CENTRAL					San Diego, Calif.-----	81	68	2,968	2,928
Des Moines, Iowa-----	42	48	1,994	2,069	San Francisco, Calif.-----	---	(209)	---	(7,337)
Duluth, Minn.-----	29	31	1,050	1,012	Seattle, Wash.-----	122	109	5,006	5,071
Kansas City, Kans.-----	---	(23)	---	(1,391)	Spokane, Wash.-----	40	34	1,834	1,827
Kansas City, Mo.-----	87	107	4,327	4,292	Tacoma, Wash.-----	33	41	1,516	1,492
Minneapolis, Minn.-----	112	118	4,710	4,663	Honolulu, Hawaii-----	(27)	(34)	(1,385)	(1,407)
Omaha, Nebr.-----	71	69	2,583	2,556					

Symbols.—parentheses [()] : data not included in table 3; 3 dashes [---] : data not available.

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